

Q2 *[Signature]*

$$\text{H}_2\text{N}-\text{C}(\text{NH})=\text{NH}-\text{Ar}-\text{CH}_2\text{X}^1-\text{(R}^2\text{)}_m \quad (\text{I})$$

in which

Ar is an aromatic or heteroaromatic ring system having a single ring;

X<sup>1</sup> is NR<sup>3</sup>R<sup>4</sup>, OR<sup>3</sup>, ~~SR<sup>3</sup>~~, COOR<sup>3</sup> CONR<sup>3</sup>R<sup>4</sup> or COR<sup>5</sup>,

where

$R^3$  is H or a group of the formula II, IIIa, IIIb or IIIc:

$$\begin{array}{c} \diagup \\ \text{C} \\ \diagdown \\ \text{X}^2 \end{array} - [\text{Y}]_n - \text{X}^1 - \text{R}^7 \quad (II)$$
$$\text{---C(=O)O---R}^7 \quad (\text{IIIa})$$
$$\begin{array}{c} \text{N} \\ | \\ \text{H} \\ | \\ \text{C}=\text{O} \\ | \\ \text{R}^1 \end{array} \quad \text{R}^2 \quad \text{(IIb)}$$
$$\text{CH}_3\text{C}(=\text{O})\text{CH}_2\text{NH}-\text{SO}_2\text{R}^9 \quad (\text{IIIc})$$

where

Abstract

$X^2$  is NH,  $NR^4$ , O or S,

$X^3$  is NH,  $NR^4$ , O, S, CO, COO, CONH OR  $CONR^4$ ,

Y is  $C(R^8)_2$ ,

$R^4$  is H or an alkyl, alkenyl or alkynyl radical,

$R^7$  is H or an alkyl, alkenyl, alkynyl, aryl or/and heteroaryl radical or -

$SO_2-R^9$ ,

$R^8$  is in each case independently H, halogen or an alkyl, alkenyl, alkynyl, aryl or/and heteroaryl radical,

$R^9$  is H or an alkyl, alkenyl, alkynyl, aryl or/and heteroaryl radical and

n is an integer from 0 to 2,

$R^4$  is as defined above,

$R^5$  is H, an alkyl, alkenyl, alkynyl, carboxyalkyl, carboxyalkenyl, carboxyalkynyl, carboxyaryl or carboxyheteroaryl radical;

$R^2$  is halogen,  $C(R^6)_3$ ,  $C_2(R^6)_5$ ,  $OC(R^6)_3$  or  $OC^2(R^6)_5$ ,

where

$R^6$  is in each case independently H or halogen, in particular F; and

m is an integer from 0 to 4;

or salts of said compound for preparing an agent for inhibition of the urokinase plasminogen activator.

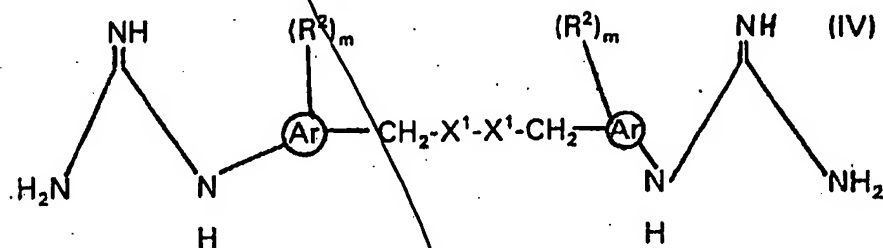
16. The use as claimed in claim 15, in which Ar is a benzene ring.

17. The use as claimed in claim 16, in which the substituents  $-CH_2X^1$  and  $-NHC(NH)NH_2$  are arranged in para position.

A<sup>2</sup> cont.

18. The use as claimed in claim 15, in which R<sup>7</sup> and R<sup>9</sup> are selected from the group comprising aryl, in particular phenyl radicals and tertiary alkyl radicals and cycloalkyl radicals, in particular bicycloalkyl radicals such as adamantyl.

19. The use of compounds of the formula (IV)



in which

X<sup>1</sup> is in each case independently NR<sup>3</sup>R<sup>4</sup>, OR<sup>3</sup>, SR<sup>3</sup>, COOR<sup>3</sup>, CONR<sup>3</sup>R<sup>4</sup> or COR<sup>5</sup>, with the proviso that the two arylguanidine groups are linked to one another via the substituents CH<sub>2</sub>X<sup>1</sup>,

where

R<sup>3</sup> is in each case independently H or any organic radical,

R<sup>4</sup> is in each case independently H or an alkyl, alkenyl or alkynyl radical;

Ar is in each case independently an aromatic or heteroaromatic ring system,

R<sup>2</sup> is in each case independently halogen, C(R<sup>6</sup>)<sub>3</sub><sup>3</sup>, C<sub>2</sub>(R<sup>6</sup>)<sub>5</sub>, OC(R<sup>6</sup>)<sub>3</sub> or OC<sub>2</sub>(R<sup>6</sup>)<sub>5</sub>,

where

R<sup>6</sup> is in each case independently H or halogen, in particular F; and

m is an integer from 0 to 4;

or salts of said compounds for preparing an agent for inhibition of the urokinase plasminogen activator.

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20. The use as claimed in claim 15 for controlling disorders which are associated with a pathological overexpression of urokinase or/and urokinase receptor.

21. The use as claimed in claim 20 for controlling tumors.

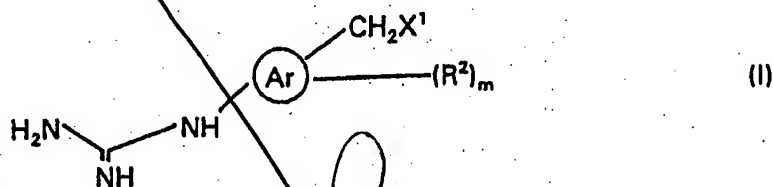
22. The use as claimed in claim 20 for controlling the formation of metastases.

23. The use as claimed in claim 15 for preparing orally, topically, rectally or parenterally administrable medicaments.

24. The use as claimed in claim 15 in the form of tablets, coated tablets, capsules, pellets, suppositories, solutions or transdermal systems such as plasters.

25. A method for inhibiting urokinase in living creatures, in particular in humans, by administering an effective quantity of at least one compound as claimed in claim 15.

26. A compound of the formula (I)



in which Ar, X<sup>1</sup>, R<sup>2</sup> and m are as defined in claim 15.

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